

FIG. 1



Figure 2

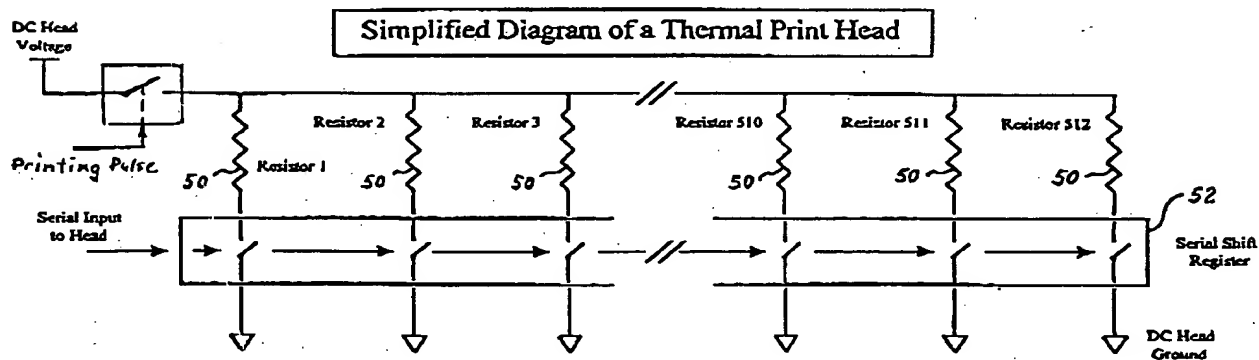


Figure 3

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Table III

Generating Modulation Bits by Addition Method								
Complement	63	62	61	60	59	58	57	...
Pixel Value	5	5	5	5	5	5	5	...
Sum	68	67	66	65	64	63	62	...
Sum(7 bit binary)	1000100	1000011	1000010	1000001	1000000	0111111	0111110	...
Modulation bit	1	1	1	1	1	0	0	...

Fig. 4

Table IV

Rearranging Complement Values to Scatter the Modulation bits									
Complement	63	58	61	57	62	60	59
Pixel Value	5	5	5	5	5	5	5
Sum	68	63	66	62	67	65	64
Sum(7 bit binary)	1000100	0111111	1000010	0111110	1000011	1000001	1000000
Modulation bit	1	0	1	0	1	1	1

Fig. 5

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Table V

Repeating Values in the Complement Table to Provide Non-Linear Response										
Complement	63	63	63	60	59	58	57	...		
Pixel Value	5	5	5	5	5	5	5	...		
Sum	68	68	68	65	64	63	62	...		
Sum(7 bit binary)	1000100	1000100	1000100	1000001	1000000	0111111	0111110	...		
Modulation bit	1	1	1	1	1	0	0	...		

Fig. 6

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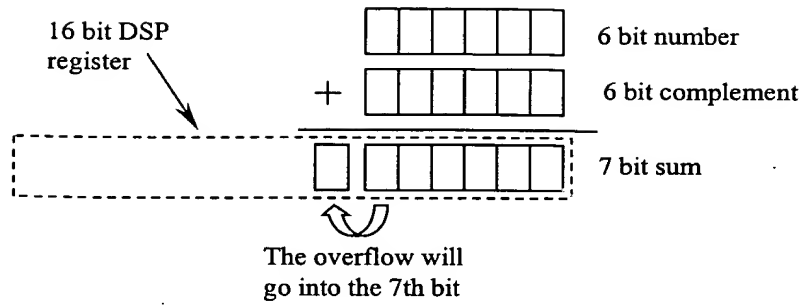


Figure 7

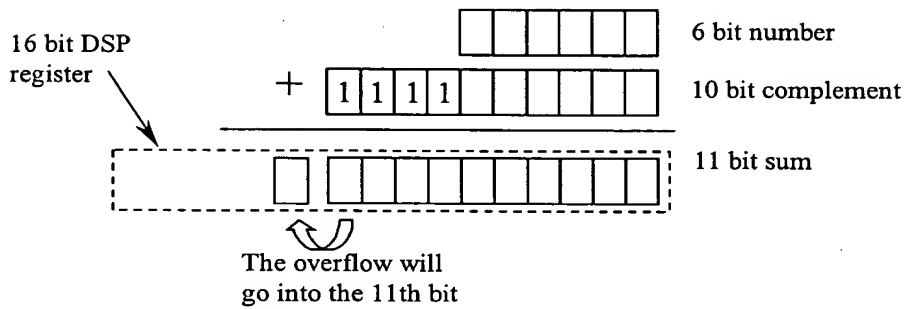


Figure 8

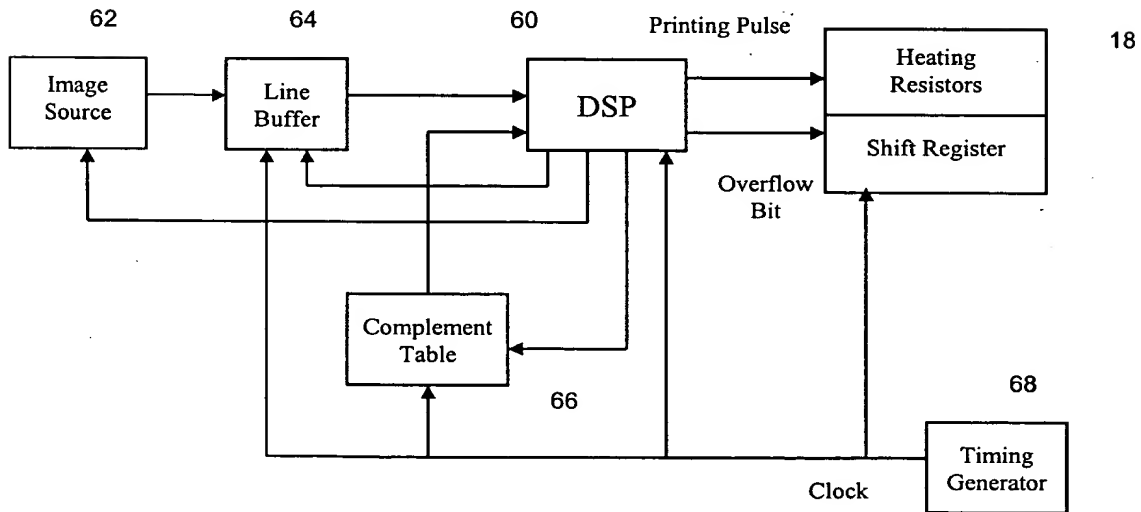


Figure 10

0000000000000000

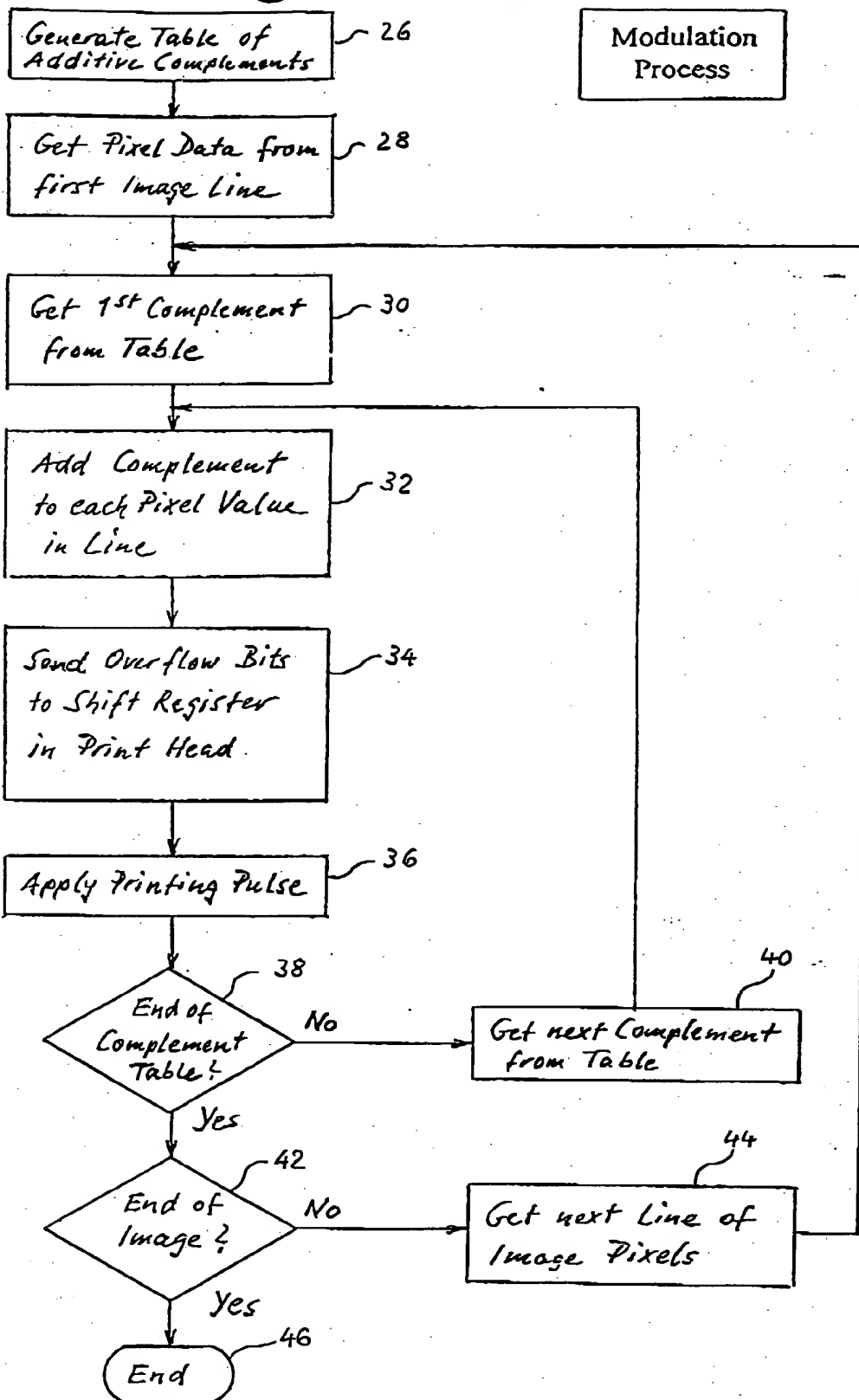


Fig. 9